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ARIZONA CORPORATION COMMISSION
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December 21, 2012

Mr. Steven M. Olea, Director
ARIZONA CORPORATION COMMISSION
1200 West Washington
Phoenix, Arizona 85007

RE: ANNUAL STATUS REPORT – LPSCO
Decision No. 69912, Docket Number W-01427A-06-0807

Dear Mr. Olea;

Litchfield Park Service Company (dba Liberty Utilities) is writing this letter as ordered by the Arizona Corporation Commission (Commission) per Decision No. 69912 of all matters related to the deferrals, and the cumulative costs associated with monitoring groundwater in relation to the North Phoenix-Goodyear Airport (NPGA) Area Superfund Site.

Subunit A – Northeast :


As reported by Liberty during its prior annual status report submitted to the Commission dated June 21, 2012, significant progress has been made on the plume delineation and treatment of the contaminated ground water in regards to the northeastern portion of the plume.

In response to the injection of treated groundwater into IA-11, IA-12, and IA-13, and in conjunction with the extraction of groundwater from EA-05, EA-06, and EA-07, groundwater elevations continue to indicate a groundwater mound and an effective hydraulic barrier west of Dysart Road. Groundwater flow directions in this area continue to be radially around the groundwater mound, and toward the northwest, away from Liberty's well on the western side of the mound (See Attached Figure No. 1).

TCE concentrations continue to demonstrate that the plume in the northeast area is defined and has decreased in size as a result of the extraction operations at EA-05, EA-06, and EA-07 and reinjection of treated groundwater into injection wells IA-11, IA-12, and IA-12 (See Attached Figure No. 2).

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Subunit A – Northwest Area Update:

The northwest area extraction operations at EA-08 began in December 2011 and have begun to shift the local groundwater flow fields in this area as the capture zone has developed. As the EA-08 capture zone develops, the local changes in groundwater flow direction are expected to broaden and TCE concentrations located along Indian School Road are expected to decrease. Liberty will continue to monitor these activities.

Currently:

TCE concentrations are continuing to decrease and groundwater flow data has indicated a reduction in TCE concentrations below Maximum Contaminate Levels (MCL's) in monitoring wells within the close proximity to Liberty owned well 34C. Subsequently, Liberty groundwater monitoring continues to be collected as per Safe Drinking Water Act (SWDA) frequency requirements of every three years.

Liberty continues to be involved in reviewing of monthly environmental reports and quarterly technical meetings and works closely with and in support of ADEQ and EPA. In the event TCE concentrations in the general area become elevated, Liberty will take the appropriate actions to ensure safe and reliable drinking water for its customers. Liberty is pleased with the trend of reducing TCE concentrations in the northeast plume area and continues to remain guarded in the northwest portion of the plume area.

To date, no test results indicating quantifiable concentrations of TCE in any of Liberty's existing wells.

Liberty has spent approximately \$99,565.08 to date, a further break down of costs by calendar year can be found in the attached Cost Break Down sheet provided (see Attached Worksheet).

Regards,
Litchfield Park Service Company DBA Liberty Utilities



Matthew E. Garlick, Director – Arizona Operations

cc: Docket Control

COST BREAK DOWN

Litchfield Park Service Company
TCE Plume – Deferred Costs

July 1, 2006 – December 31, 2007

	<u>Amount</u>
Total Legal Costs	\$48,867.20
Total Increased Frequency of Water Sampling/Testing (2006-2007)	\$23,424.70
Total Costs	\$72,291.90

January 1, 2008 – December 31, 2008

	<u>Amount</u>
Total Legal Costs	\$254.15
Total Increased Frequency of Water Sampling/Testing (2008)	\$8,683.00
Total Costs	\$8,937.15

January 1, 2009 – December 31, 2009

	<u>Amount</u>
Total Legal Costs	\$7,253.78
Total Increased Frequency of Water Sampling/Testing (2009)	\$5,254.00
Total Costs	\$12,507.78

January 1, 2010 – December 31, 2010

	<u>Amount</u>
Total Legal Costs	\$2,554.25
Total Increased Frequency of Water Sampling/Testing (2010)	\$3,238.00
Total Costs	\$5,792.25

January 1, 2011 – December 31, 2011

	<u>Amount</u>
Total Legal Costs	\$0.00
Total Increased Frequency of Water Sampling/Testing (2011)	\$0.00
Total Costs	\$0.00

January 1, 2012 – December 31, 2012

	<u>Amount</u>
Total Legal Costs	\$0.00
Total Increased Frequency of Water Sampling/Testing (2012)	\$0.00
Total Costs	\$99,565.08

